

Test -01

9/05/2020

CLASS 9

SCIENCE

1. Tabulate the difference in the characteristics of the three state of matter.
2. Give reason for the following
  - a) naphthalene balls disappear with time without leaving any solid.
  - b) our palm feel cold when we put some acetone or petrol or perfume on it.
- 3) comment on the following  
Rigidity compressibility, fluidity, filling a gas container, shape, kinetic energy and density.
4. What is negative acceleration explain with suitable example.
5. With the help of graph derive the second equation of motion.
6. An artificial satellite is moving in a circular orbit of radius 42250 km calculate its speed if it takes 24 hours to revolve around the earth.
7. Where and how do the lipids and proteins constituting the cell membrane get synthesised.
8. What is membrane biogenesis? How is plasma membrane formed during this process?
9. How is prokaryotic cell different from a eukaryotic cell.
10. What is active transport? differentiate between active and passive transport.